

Comparisons of Job Characteristics

Focus Occupation: Occupational Health and Safety Technicians (29-9012)

Associated Occupation: Emergency Medical Technicians and Paramedics (29-2041)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 50

Focus Occupation: Occupational Health and Safety Technicians (29-9012)

Associated Occupation: Emergency Medical Technicians and Paramedics (29-2041)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Customer and Personal Service	11.3	21.0	14.1	<<	Extensive education and/or training may be required
Medicine and Dentistry	3.7	16.4	5.8	<<	Extensive education and/or training may be required
Psychology	6.4	12.5	11.0	<	Expanded education and/or training may be required
Public Safety and Security	6.9	12.4	15.9	>>	Current knowledge level is likely more than sufficient
Transportation	4.6	11.7	6.8	<<	Extensive education and/or training may be required
Personnel and Human Resources	5.6	11.2	9.5	<	Expanded education and/or training may be required
Therapy and Counseling	3.8	10.5	4.9	<<	Extensive education and/or training may be required
Telecommunications	3.9	7.5	4.6	<<	Extensive education and/or training may be required
Biology	3.7	7.0	8.2	>	Current knowledge level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 83

Focus Occupation: Occupational Health and Safety Technicians (29-9012)

Associated Occupation: Emergency Medical Technicians and Paramedics (29-2041)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Service Orientation	7.9	11.9	7.9	<<	Extensive development of skills in this area may be required

Coordination	9.1	11.6	8.3	<<	Extensive development of skills in this area may be required
Active Learning	8.7	11.4	8.8	<<	Extensive development of skills in this area may be required
Science	4.5	11.1	6.9	<<	Extensive development of skills in this area may be required
Operation and Control	5.4	9.1	6.2	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 80			
Focus Occupation: Occupational Health and Safety Technicians (29-9012) Associated Occupation: Emergency Medical Technicians and Paramedics (29-2041)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Perceptual Speed	7.4	11.0	8.5	<<	Extensive improvement in abilities may be required
Static Strength	5.0	11.0	2.5	<<	Extensive improvement in abilities may be required
Response Orientation	4.0	10.1	2.9	<<	Extensive improvement in abilities may be required
Time Sharing	6.6	9.1	6.4	<<	Extensive improvement in abilities may be required
Glare Sensitivity	2.6	6.8	3.1	<<	Extensive improvement in abilities may be required
Peripheral Vision	2.2	5.6	2.2	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 53
Focus Occupation: Occupational Health and Safety Technicians (29-9012) Associated Occupation: Emergency Medical Technicians and Paramedics (29-2041)		
Work Activities	Exclusivity of Activity	
Communicate technical information	4	
Use hazardous materials information	35	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 6

Focus Occupation: Occupational Health and Safety Technicians (29-9012)
Associated Occupation: Emergency Medical Technicians and Paramedics (29-2041)

Tools and Technologies	Exclusivity
Computers	1
Data management and query software	1
Industry specific software	1
Personal communication devices	2
Safety apparel	4

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.